# METHOD AND ELECTRONIC DEVICE FOR PROCESSING INPUT

## PRIORITY

**[0001]** This application claims priority under 35 U.S.C. §119(a) to Korean Patent Application Ser. No. 10-2015-0145550, which was filed in the Korean Intellectual Property Office on Oct. 19, 2015, the content of which is incorporated herein by reference.

## BACKGROUND

**[0002]** 1. Field of the Disclosure

**[0003]** The present disclosure relates generally to a method of processing an input by an electronic device, and more particularly, to a method of determining a command corresponding to an input received by an electronic device and processing the determined command.

**[0004]** 2. Description of the Related Art

**[0005]** Recently, the use of electronic devices (for example, smart phones, tablet Personal Computers (PCs), laptops, notebooks, wearable devices, and the like) that provide various functions has been generalized. Further, electronic devices may provide a touch input type, a proximity input type (for example, a hovering input type or type that recognizes a motion or gesture), and/or an input type through another input means (for example, a keyboard, a mouse, or the like).

**[0006]** The user may control the electronic device to execute a desired function through various input types provided by the electronic device.

**[0007]** The user may provide input corresponding to various functions in order to control the electronic device to execute the various functions. Accordingly, when the user wants to execute a second function while performing a first input corresponding to a first function, the user must stop performing the first input and perform a second input corresponding to the second function.

## SUMMARY

**[0008]** The present disclosure has been made to address at least the above problems and/or disadvantages and to provide at least the advantages described below. Accordingly, an aspect of the present disclosure provides methods and devices for determining and processing a command corresponding to a received input from a user of the device.

**[0009]** In accordance with an aspect of the present disclosure, a method is provided for processing an input by an electronic device. A first object is displayed on a display of the electronic device. A first input related to the first object is received from a user of the electronic device. The first object is moved according to the first input. A speed at which the first object is moving is determined. The speed is compared with a preset threshold. An instruction corresponding to the first input is determined based on a comparison of the speed with the preset threshold. The instruction is executed.

**[0010]** In accordance with another aspect of the present disclosure, an electronic device is provided that includes a display that displays a first object, and an input interface that receives a first input related to the first object from a user of the electronic device. The electronic device also includes a processor that moves the first object according to the first input, determines a speed at which the first object is moving, compares the speed with a preset threshold, determines and instruction corresponding to the first input based on a comparison of the speed with the preset threshold, and executes the instruction.

**[0011]** In accordance with another aspect of the present disclosure, a non-transitory computer-readable recording medium having a program recorded therein to be performed in a computer is provided. The program includes instructions to instruct a processor to perform operations when being executed by the processor. The operations includes receiving, from a user of the electronic device, a first input related to a first object displayed on a display, moving the first object according to the first input, determining a speed at which the first object is moving, comparing the speed with a preset threshold, determining an instruction corresponding to the first input based on a comparison of the speed with the preset threshold, and executing the instruction.

**[0012]** In accordance with another aspect of the present disclosure, a method is provided for processing an input by an electronic device. A first object is displayed on a display of the electronic device. A first input and a second input related to the first object are received from a user of the electronic device. A first speed of a first point and a second speed of a second point within the first object are determined corresponding to each of the first input and second input. The first speed of the first point and the second speed of the second point are compared with a preset threshold. Instructions corresponding to the first input and the second input determined are executed based on a result of the comparison.

## BRIEF DESCRIPTION OF THE DRAWINGS

**[0013]** The above and other aspects, features, and advantages of the present disclosure will be more apparent from the following detailed description when taken in conjunction with the accompanying drawings, in which:

**[0014]** FIG. **1** is a diagram illustrating a network environment including an electronic device, according to an embodiment of the present disclosure;

**[0015]** FIG. **2** is a block diagram illustrating a program module, according to an embodiment of the present disclosure;

**[0016]** FIG. **3** is a flowchart illustrating a method of processing an input by the electronic device, according to an embodiment of the present disclosure;

**[0017]** FIG. **4** is a flowchart illustrating a method of determining a speed of an object by the electronic device, according to an embodiment of the present disclosure;

**[0018]** FIGS. **5**A to **5**D are diagrams illustrating a method of processing an input in a left direction by the electronic device, according to an embodiment of the present disclosure;

**[0019]** FIGS. **6**A to **6**D are diagrams illustrating a method of processing an input in a right direction by the electronic device, according to an embodiment of the present disclosure;

**[0020]** FIGS. **7**A to **7**E are diagrams illustrating a method of processing an input in an up and/or down direction by the electronic device, according to an embodiment of the present disclosure;

**[0021]** FIGS. **8**A to **8**E are diagrams illustrating a method of processing an input in an up and/or down direction by the electronic device, according to an embodiment of the present disclosure;